

TOP SECRET

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TOP SECRET 291344ZAPR 70 CITE [REDACTED] 8423

SUBJECT: B/W SEPARATION PRINTS OF MSN 1108 [REDACTED] COLOR [REDACTED]

1. REF. MSG. REQUESTED [REDACTED] EVALUATE SPECIAL B/W REPRODUCTIONS PRODUCED BY [REDACTED] FROM SO-242 OF MSNS 1108 [REDACTED]

2. FILMS/FILTERS USED TO PRODUCE THE SEPARATION PRINTS WERE:

A. 2ND GENERATION DIRECT REVERSAL PRINTS, UTILIZING 5468 [REDACTED] FILM WERE PROVIDED FROM THE SO-242 OF MSNS 1108 [REDACTED] FILM TYPE 5468 IS ORTHOCHROMATIC AND SINCE IT WAS EXPOSED THROUGH A W-12 YELLOW FILTER, IT REPRESENTS THE GREEN INFO (MAGENTA DYE LAYER).

B. A 3RD GENERATION PRODUCT - 2430 FILM - WAS PRODUCED FROM BOTH MSNS VIA A 3404 INTERNEGATIVE (EXPOSED THROUGH A W-93 GREEN FILTER). THE 2430 PRODUCT ALSO REPRESENTS THE GREEN INFO (MAGENTA DYE LAYER).

C. IN ADDITION, A 3RD GENERATION PRODUCT - 2430 FILM - WAS PRODUCED FROM THE SO-242 OF MSN 1108 VIA A 3404 INTERNEGATIVE (EXPOSED THROUGH A W-92 REF FILTER). THE 2430 PRODUCT REPRESENTS THE GREEN INFO (CYAN DYE LAYER). THIS PRINTING TECHNIQUE WAS NOT USED [REDACTED]

DISTRIBUTION		
CY	OFFICE	PI
2	FILE	25X1
2	CABLE SEC.	25X1
	PT&B/RD	
	SECUR.	
	TSSG/APS	25X1
	PRODUCTIONS	25X1
	PSG/OC	25X1
	RED	
	5468 REFRO	
	AID	25X1
	IEG	
	IEG/OD	
	SCIEEN	
	WEST	
	EAST	
	M&S	
	WAS IEG/PHD	
	EXPOSED	
	DIA-XX4	
	REF-AP	25X1
	[REDACTED]	25X1
	CMX	

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BECAUSE OF THE DIFFERENCE IN LENS CHARACTERISTICS OF THE TWO SYSTEMS ADVANCE C 25X1

3. THE PRINCIPAL OBJECTIVE OF THIS EXPERIMENT WAS TO DETERMINE WHICH REPRODUCTION PROVIDES THE MOST INFO FROM A PI STANDPOINT. SAMITIZED WITH TEXT

THEREFORE, A PSYCHOPHYSICAL EXPERIMENT WAS CONDUCTED WITH [REDACTED] 25X1
PHOTO SCIENTISTS AND PI'S. THE PROCEDURES OF THIS EXPERIMENT ARE NOT PRESENTED HEREIN FOR THE SAKE OF BREVITY; HOWEVER, ADDITIONAL DATA WILL BE MADE AVAILABLE UPON REQUEST. THE SIGNIFICANT CONCLUSIONS OF THE EXPERIMENT ARE SUMMARIZED BELOW:

A. MSN 1108

(1) THE 3RD GENERATION 2430 POSITIVE WHICH REPRESENTS THE RED LAYER INFO IS THE 1ST PREFERENCE.

(2) THE 3RD GENERATION 2430 POSITIVE WHICH REPRESENTS THE GREEN LAYER INFO IS THE 2ND PREFERENCE.

(3) THE 2ND GENERATION 5468 POSITIVE WHICH REPRESENTS THE GREEN LAYER INFO IS THE 3RD PREFERENCE.

25X1

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25X1